What is claimed is

1. An impact-resistant molding material comprising poly(meth)acrylate and at least one silicone rubber graft copolymer composed of from 0.05 to 95% by weight, based on the total weight of the copolymer, of a core a) composed of an organosilicon polymer which has the general formula $(R_2SiO_{2/2})_x \cdot (RSiO_{3/2})_y \cdot (SiO_{4/2})_z$ where x = from 0 to 99.5 mol%, y = from 0.5 to 100 mol%, z = from 0 to 50 mol%, where R means identical or different alkyl or alkenyl radicals having from 1 to 6 carbon atoms, aryl radicals, or substituted hydrocarbon radicals,
from 0 to 94.5% by weight, based on the total weight of the copolymer, of a polydialkylsiloxane layer b), and
from 5 to 95% by weight, based on the total weight of the copolymer, of a shell c) composed of organic polymers, characterized in that the core a) encompasses vinyl groups prior to the grafting process, and the shell c) is obtainable via free-radical polymerization of a mixture in which acrylic esters and methacrylates are present.

2. The impact-resistant molding material as claimed in claim 1, characterized in that the ratio by weight of core a) and layer b) to the shell c) is in the range from 70:30 to 55:65.

3. The impact-resistant molding material as claimed in claim 1 or 2, characterized in that the ratio by weight of acrylic ester to methacrylate in the mixture for preparing the shell c) is in the range from 50:50 to 1:99.

4. The impact-resistant molding material as claimed

in one or more of the preceding claims, characterized in that the molding material comprises at least 55% by weight of poly(meth)acrylates, based on the total weight.

5. The impact-resistant molding material as claimed in one or more of the preceding claims, characterized in that the molding material comprises at least one acrylate-rubber-based impact modifier.

6. The impact-resistant molding material as claimed in claim 5, characterized in that the particle diameter of the acrylate-rubber-based impact modifier is in the range from 50 to 1000 nm.

7. The impact-resistant molding material as claimed in one or more of the preceding claims, characterized in that it comprises styrene-acrylonitrile polymers.

8. The impact-resistant molding material as claimed in claim 7, characterized in that the styrene-acrylonitrile polymers were obtained via polymerization of a mixture which is composed of
from 70 to 92% by weight of styrene
from 8 to 30% by weight of acrylonitrile, and
from 0 to 22% by weight of other comonomers,
based in each case on the total weight of the monomers to be polymerized.

9. The impact-resistant molding material as claimed in one or more of the preceding claims, characterized in that the molding material comprises

f1) from 20 to 95% by weight of (meth)acrylate polymers,

f2) from 0 to 45% by weight of styrene-acrylonitrile polymers,

f3) from 5 to 60% by weight of silicone rubber graft copolymers,

f4) from 0 to 60% by weight of acrylate-rubber-based impact modifier, based in each case on the weight of components f1-f4, and conventional additives.

10. The impact-resistant molding material as claimed in one or more of the preceding claims, characterized in that the silicone rubber graft copolymers have a particle diameter in the range from 10 to 300 nm.

11. The impact-resistant molding material as claimed in one or more of the preceding claims, characterized in that the shell c) was obtained via polymerization of a mixture in which methyl methacrylate and acrylic ester having from 1 to 8 carbon atoms are present.

12. The impact-resistant molding material as claimed in one or more of the preceding claims, characterized in that acrylic ester has been selected from ethyl acrylate and/or butyl acrylate.

13. The impact-resistant molding material as claimed in one or more of the preceding claims, characterized in that the content of vinyl groups in the core a) is in the range from 2 to 3 mol%, based on the weight of the core.

14. An impact-resistant molding obtainable via extrusion or injection molding of a molding material as claimed in one or more of claims 1 to 13.

15. The impact-resistant molding as claimed in claim 14, characterized in that the molding has a

Vicat softening point to ISO 306 (B50) of at least 85°C, a notched impact strength NIS (Izod 180/1eA, 1.8 MPa) to ISO 180 of at least 3.0 kJ/m^2 at -20°C and of at least 2.5 kJ/m^2 at -40°C, a modulus of elasticity to ISO 527-2 of at least 1500 MPa.

16. The impact-resistant molding as claimed in claim 14 or 15, characterized in that the molding is a mirror housing or a spoiler for a vehicle, or is a pipe, or a protective cover, or a component of a refrigerator.